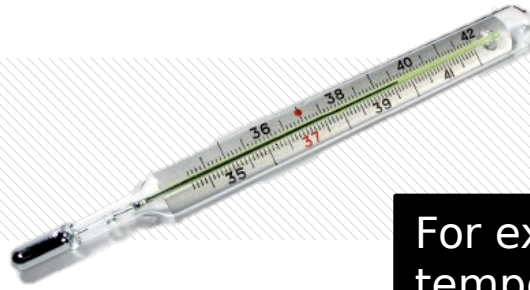


# Why



For example, if the temperature was 100F, the temperature in Celsius would

?

The formula to calculate a temperature in Fahrenheit if we have the temperature in Celsius:

$$C = \frac{5}{9} (F - 32) \quad \longrightarrow \quad F = 32 + \frac{9}{5} C$$

How could we find a new formula that allows us to determine the temperature in Celsius given the temperature in Fahrenheit?

**We will learn such skills.**

We say that is the '**subject of the formula**' because it appears on one side of the equation (usually the left) on its own.

# Examples 1: Rearranging Formula

Make the subject of the following formula:

a)

a)

a)

b)

b)

b)

c)

c)

c)

# Examples 2: Rearranging Formula

Make the subject of the following formula:

a)

a)

a)

b)

b)

b).

# Advanced Examples 3: Rearranging Formula

a)

a)

b)

b)